

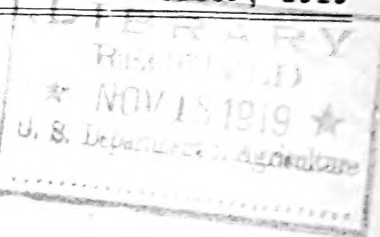
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MONTHLY LETTER OF THE BUREAU OF ENTOMOLOGY
UNITED STATES DEPARTMENT OF AGRICULTURE

Number 66

October, 1919



CEREAL AND FORAGE INSECT INVESTIGATIONS

W. R. Walton, Entomologist in Charge

The following appointments have been made in connection with the European corn borer investigations at Arlington, Mass.: M. D. Leonard and H. W. Allen.

Samuel Blum, recently of Cornell University, has been appointed scientific assistant, effective October 11, and assigned for duty on the southern corn root-worm investigations at the Columbia, S. C., station.

R. H. Van Zwaluwenburg, recently engaged on the investigation of the European corn borer at Arlington, Mass., has returned to Hagerstown, Md., to continue his studies of the wireworm.

W. H. Larrimer and A. L. Ford, of the West Lafayette, Ind., field station, were in Washington for a short time during the month.

DECIDUOUS FRUIT INSECT INVESTIGATIONS

A. L. Quaintance, Entomologist in Charge

A. J. Flebut, who was formerly attached to this office and who resigned to enter military service, has been reinstated and will be in charge of the Bureau's laboratory at Fresno, Cal., where investigations are under way concerning grape insects in that region.

Joseph Edwin Fouser, a graduate of the Ohio State University, has been appointed scientific assistant and will be engaged in testing proprietary insecticides against insects in connection with the enforcement of the Insecticide Act of 1910.

B. R. Leach, who has been in charge of field operations in connection with apple insect investigations at Dover, Del., has returned to Washington and will be engaged in preparing reports on the subject of his field investigations.

BEE CULTURE

E. F. Phillips, Apiculturist in Charge

E. F. Phillips, G. S. Demuth, and A. P. Sturtevant recently left to conduct a series of extension short courses for commercial beekeepers in the States of Idaho, Washington, California, and Texas. They will be gone during November and December. Similar courses have been arranged for the last of January and the month of February in Ohio, Kansas, Iowa, Minnesota, and New York.

Through the efforts of George H. Rea, field agent in New York, in cooperation with the Sugar Equalization Board, considerable sugar has been secured for

the beekeepers of that State to feed colonies of bees seriously short of stores for winter. This Office has made every effort to have sugar diverted to beekeepers seriously needing it in other parts of the country. The sugar shortage means much to beekeepers whose bees are short of stores for winter and it is probable that the losses of bees in the spring of 1920 will be severe.

G.H.Cale and Geo. H. Rea attended the annual meeting of the Maryland States Beekeepers' Association at Hagerstown, Md., October 30.

LIBRARY.

Mabel Colcord, Librarian

New Books*

Association of American agricultural colleges and experiment stations. Proceedings 32nd annual convention. Burlington, 1919.

Audouin, Jean Victor. Histoire des insectes nuisibles a la vigne, et particulièrement de la pyrale...349 pp., illus., 23 pls., 4°. Paris, Fortin, Masson et cie, librairies, 1842.

Fabre, J.H.C. The mason wasps. Tr. by Alexander Teixeira de Mattos. 318 p., 8°. N.Y., Dodd, Mead & Co., 1919.

Hillebrand, S.F. Fishes in relation to mosquito control in ponds. U.S. Public Health Service, Public Health Reports, v. 34, No. 21, pp. 1113-1128, May 23, 1919.

Matheson, Robert. A study of the plant lice injuring the foliage and fruit of the apple. (N.Y. Cornell Univ. Agr. Exp. Sta. Memoir 24, June, 1919).

Rogers, Leonard. Fevers in the tropics. 404 pp., illus., tab., 4°. London, Henry Frowde, Hodder & Stoughton, 1919.

Townley, Edward. A practical treatise on humanity to honey bees. 162 pp., 16°. N.Y. Wm. S. Dorr, 1843.

Urich, F.W. Thrips, black ants and other insect pests of cacao in Grenada, with a note on coconut disease. 23 pp., 2 pls., 8°. Trinidad, Printed at the Government printing office, Port-of-Spain, 1918.

SOUTHERN FIELD CROP INSECT INVESTIGATIONS

J.L. Webb, Entomological Assistant Acting in Charge.

R.H.Hutchison made a trip to Mound, La., during the month. He has returned to his station in Philadelphia.

George N. Wolcott, a former employee of ~~the~~ of this section, has been reengaged to take charge of a cooperative project between this Bureau and the Bureau of Plant Industry. The project in question is an investigation of possible insect transmitters of the sugar-cane mosaic disease. Mr. Wolcott's field of operations will be Porto Rico.

F.L. McDonough has resigned from the tobacco insect force, effective October 31.

F.S. Chamberlin, of the Quincy, Fla., tobacco insect station, was in Washington for several days during the month.

B.R. Coad recently made a trip to various points in New York for the purpose of conferring with manufacturers of dusting machinery, returning to his station at Tallulah, La., by way of Washington.

T.E. Holloway reports that the Cuban parasites of the sugar-cane moth borer, which were imported during the past summer, were allowed to emerge in cages at his laboratory in Audubon Park, New Orleans, and were then released on three plantations in different parts of southern Louisiana. He has just found that they are breeding at all three plantations, having passed through probably three generations in Louisiana. The prospect for establishing them, if they can live through the winter, is very good.

Farmers' Bulletin 801, "Mites and Lice on Poultry," by F.C. Bishopp and H.P. Wood, has just been reprinted in revised form. This has been an exceedingly popular bulletin, and the demand for it is still strong over all parts of the country.

TROPICAL AND SUBTROPICAL FRUIT INSECT INVESTIGATIONS

C.L. Marlatt, Entomologist in Charge

C.A. Bennett, formerly in the inspection service of the Federal Horticultural Board in Washington, has been assigned to the field charge of the camphor thrips project in Florida. J.R. Watson, entomologist of the Florida Experiment Station, has been appointed a collaborator of the Department to assist in this investigation.

H.F. Dietz has resigned from the Bureau, effective November 3, 1919. Mr. Dietz, in various assignments reported from time to time in this monthly letter, has rendered the Bureau excellent service. He is leaving our work to better his financial status. The special Canal Zone project with which Mr. Dietz has been recently connected will be continued. At present it is under the charge of James Zetek, collaborator of the Department, assisted by Ignacio Molino.

C.A. Weigel, who has been assisting in the installation of the camphor thrips project in Florida, has returned to Washington and has resumed his investigation of greenhouse pests.

W.W. Yothers was recently in Washington looking after some details of his Florida work.

FEDERAL HORTICULTURAL BOARD

C.L. Marlatt, Chairman

There has been considerable reorganization of the Board made necessary by the enlargement of its work as a result of the nursery stock, plant, and seed quarantine No. 37, and the taking over of the direction of the fumigation of railway cars, freight, etc., on the Mexican border.

R. Kent Beattie has been placed in administrative charge of the enforcement of all the quarantines and orders restricting the entry of foreign plants and plant products. This includes nursery stock and plant and seed importations, cotton importations, and importations of fruits, grains and other plants and plant products brought under restriction.

E.R. Sasscer has been placed in charge of all port inspection work necessitated by the various foreign plant quarantines administered by the Department. This assignment covers the Mexican border inspection and quarantine service and the inspection offices now maintained by the Board at the principal ports of entry in the United States, namely, New York, Boston, New Orleans, San Francisco, and Seattle. The Texas border service has been enlarged by the establishment of an inspection office at Nogales with H.M. Cely, formerly connected with the Texas pink bollworm work, in charge. The port inspection service has been further strengthened by the addition of the following new inspectors: Emile Kostal, graduate of Cornell, assigned to New Orleans; George F. Arnold, graduate of the Mississippi A. & M. College, assigned to Eagle Pass; J.B. R. Leary, graduate of the Texas A. & M. College, transferred from Dr. W.D. Hunter's roll to the port of Laredo; Maceo M. Richardson, fumigation mechanic, assigned to Brownsville; and L.E. Spessard, graduate of the University of Washington, assigned to Washington, D.C.

--- BUY W. S. S. ---

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--- BUY W. S. S. ---